

# JANUARY 2007 COLD WEATHER EVENT

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March 8, 2006

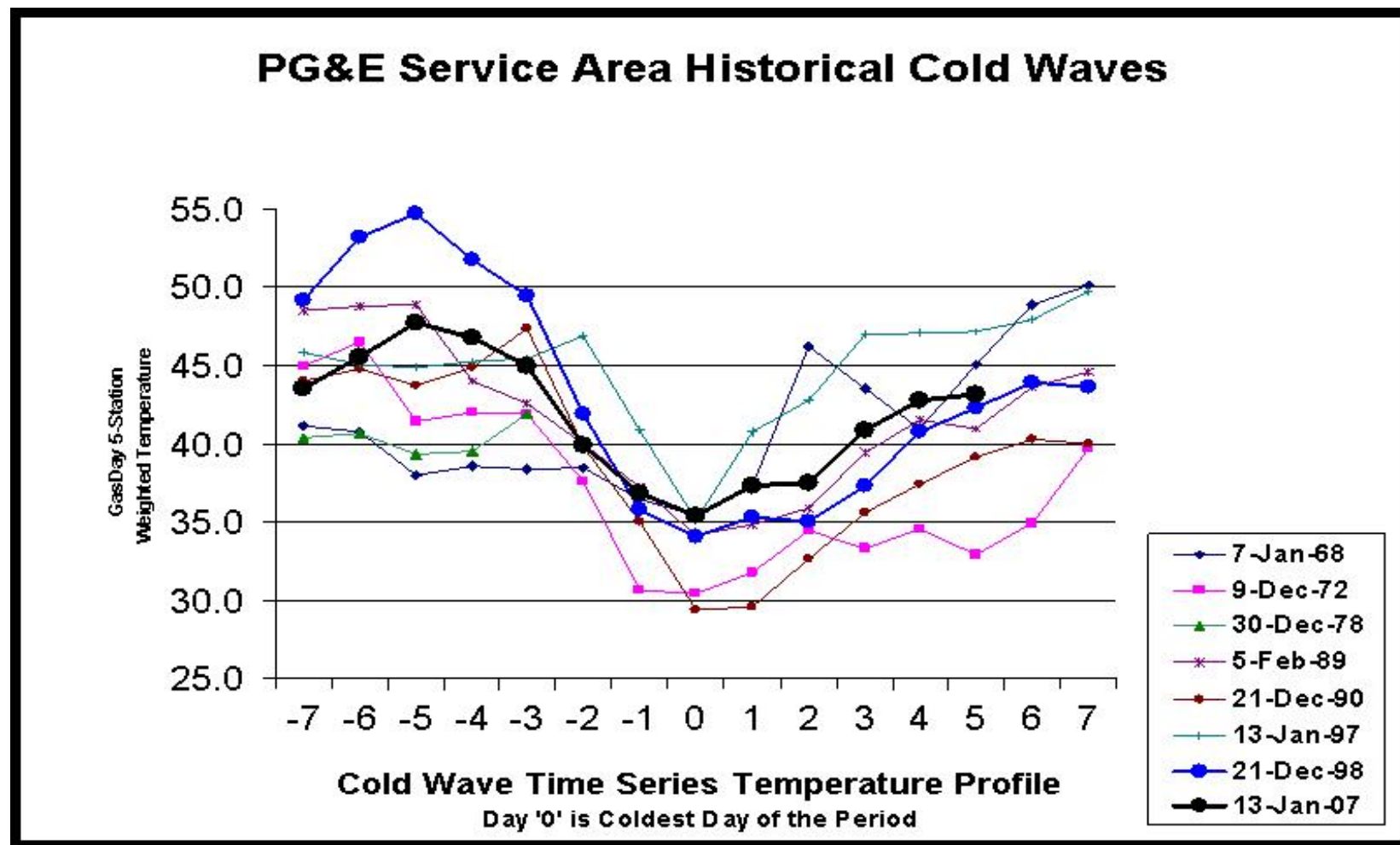


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# January 2007 Cold Snap

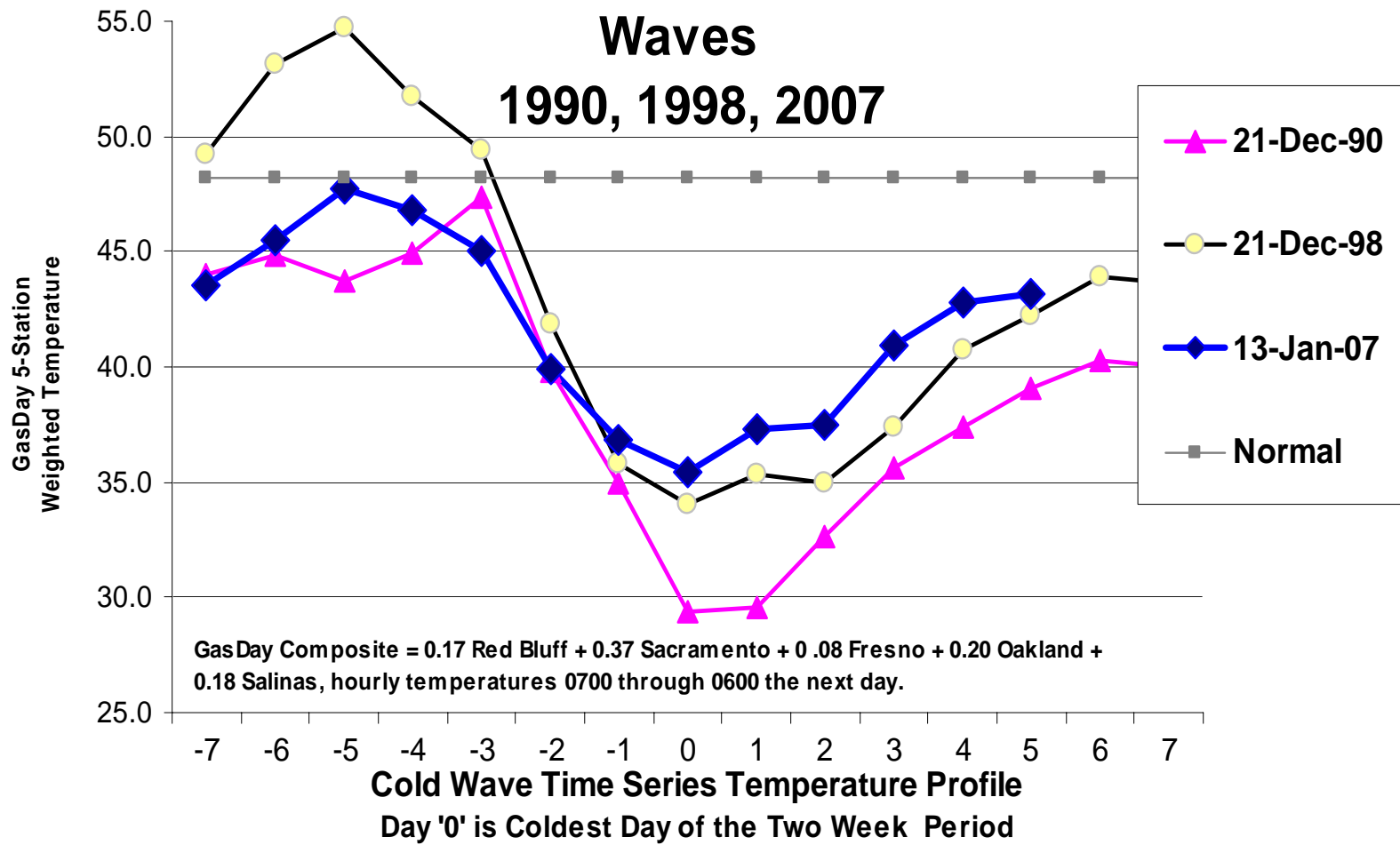
- Cold arctic air moved into the PG&E Service Area Thursday, January 11
- Coldest temperatures hit on Saturday, January 13
- During the 24 hours starting at 7 a.m., the System-Weighted Composite Temperature averaged 35.4° F, ~13 degrees below normal
- 6th coldest event in last 42 years (based on coldest day of each)
- Statistical return period of 5 -10 years

# PG&E's Eight Coldest Periods (1965–2007)

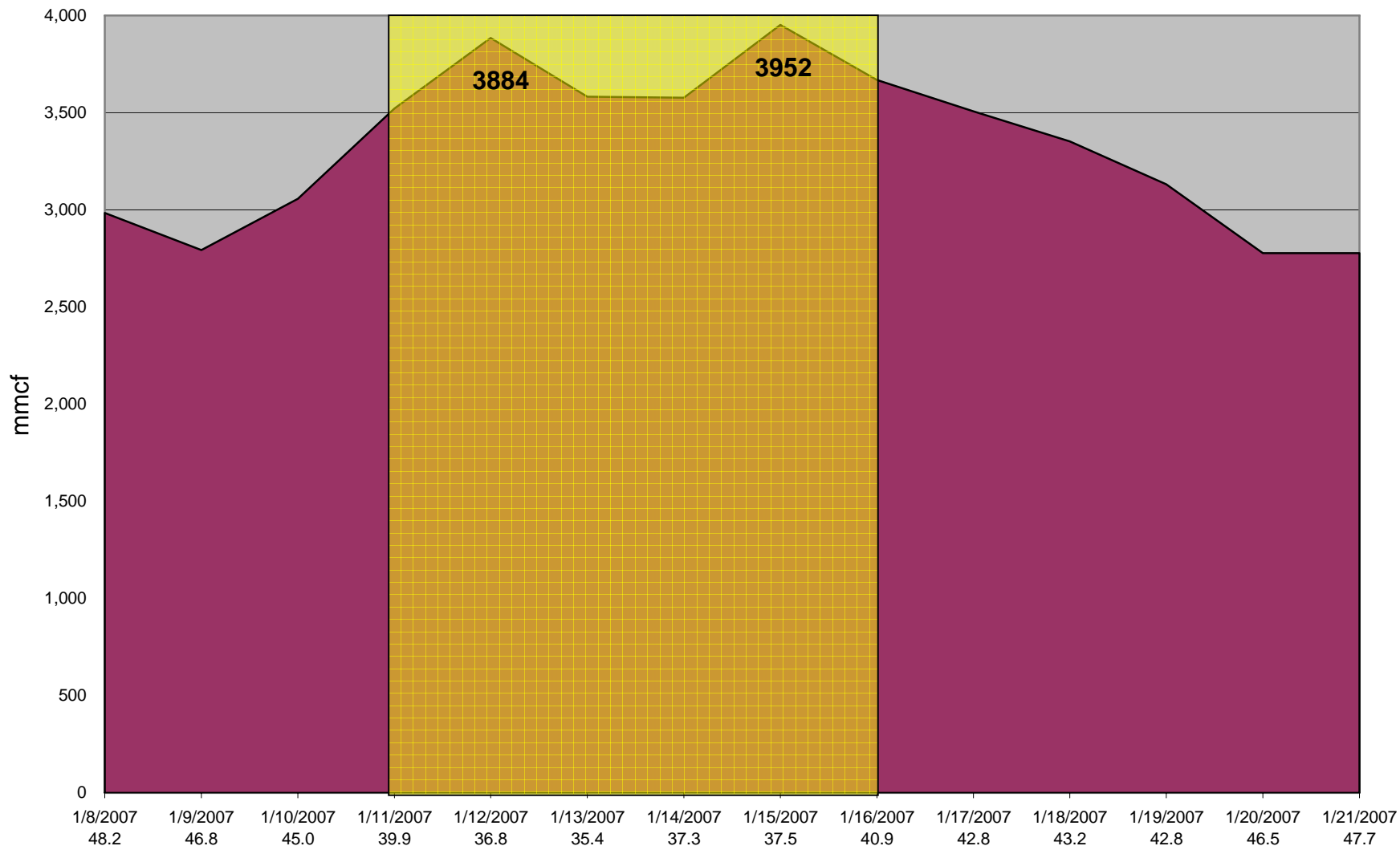


# PG&E Service Area Recent Significant Cold Waves

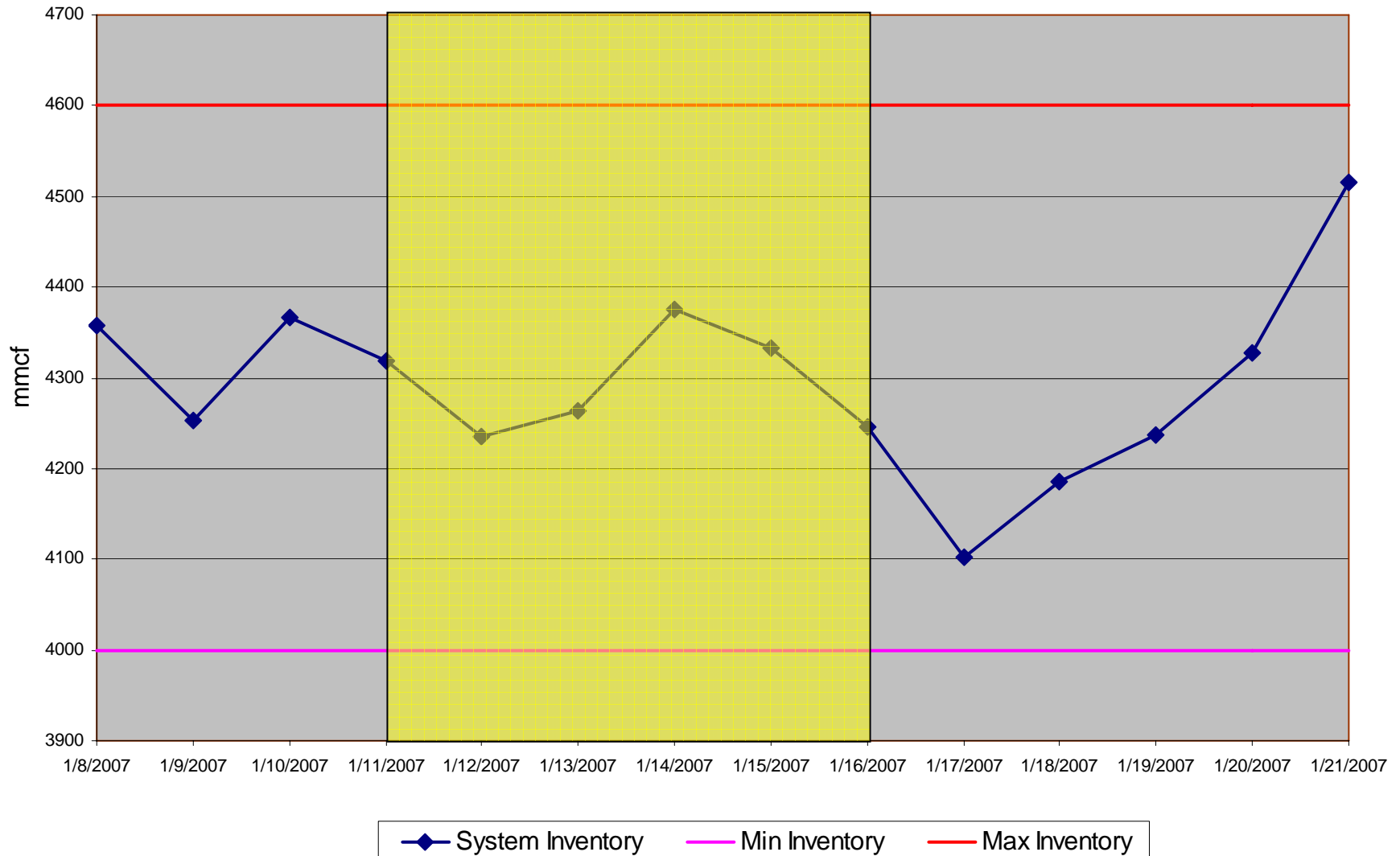
1990, 1998, 2007



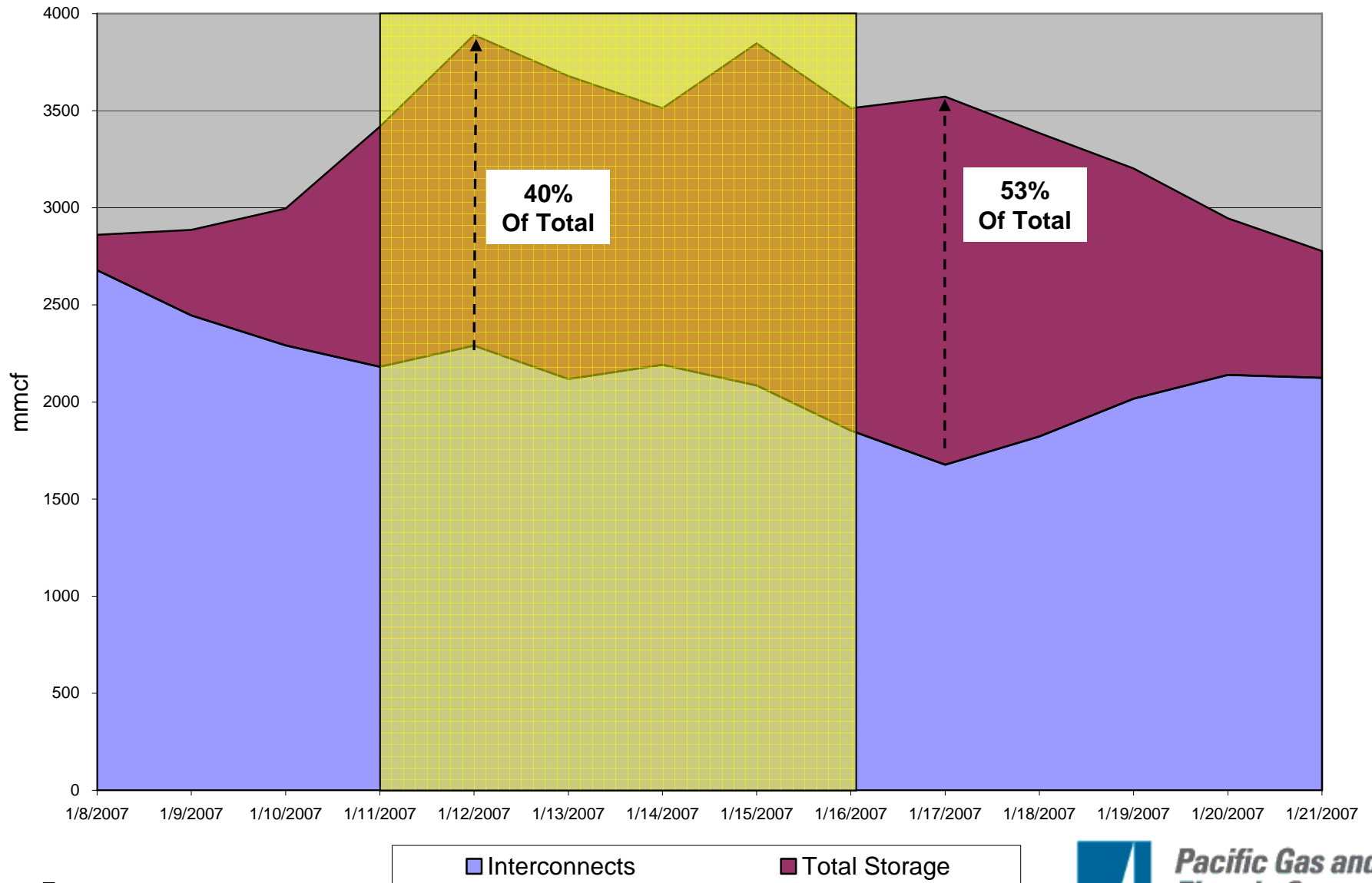
# PG&E Gas System Demand vs. Temperature



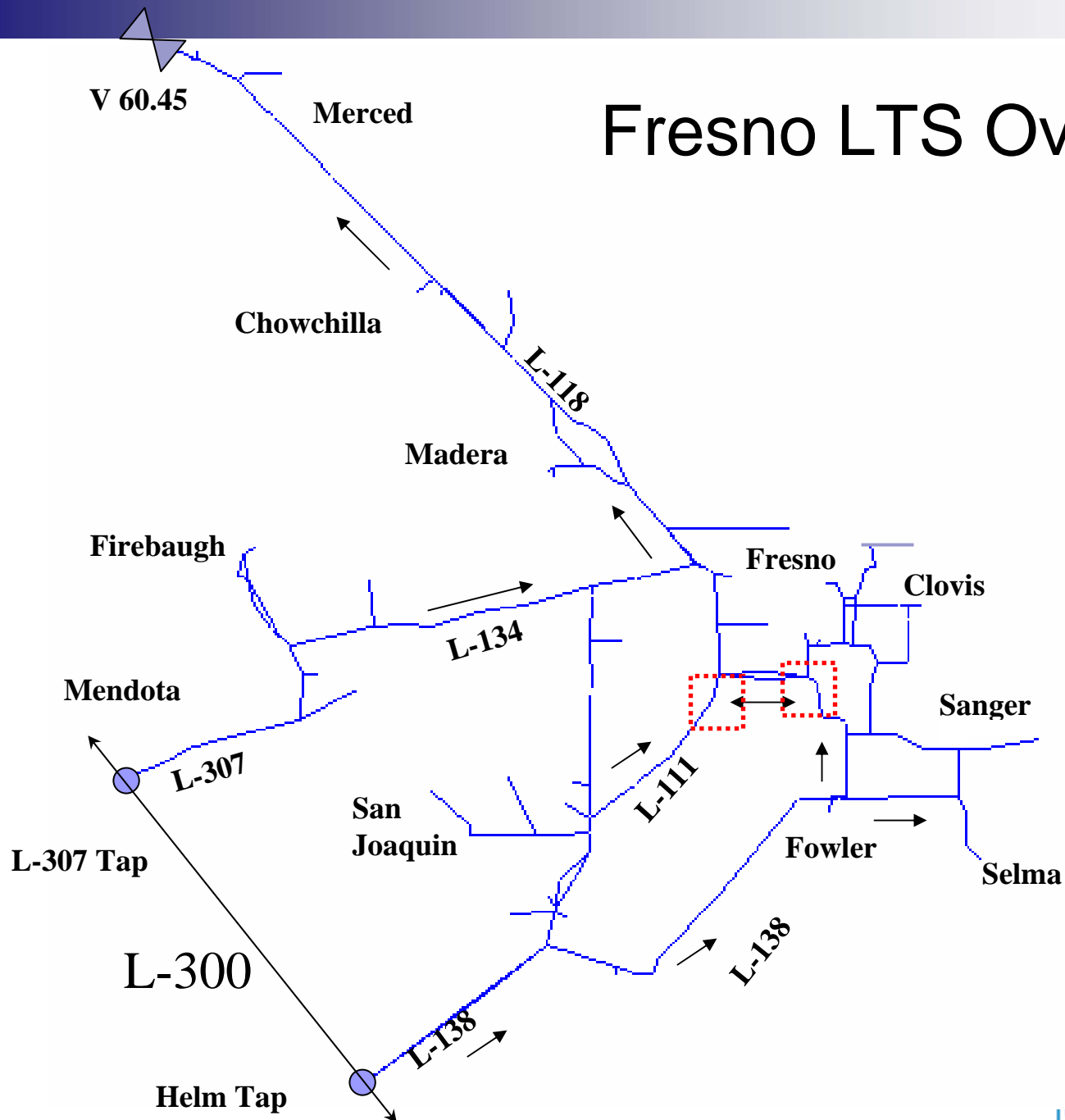
# PG&E System Inventory



# PG&E System Supply



# Fresno LTS Overview

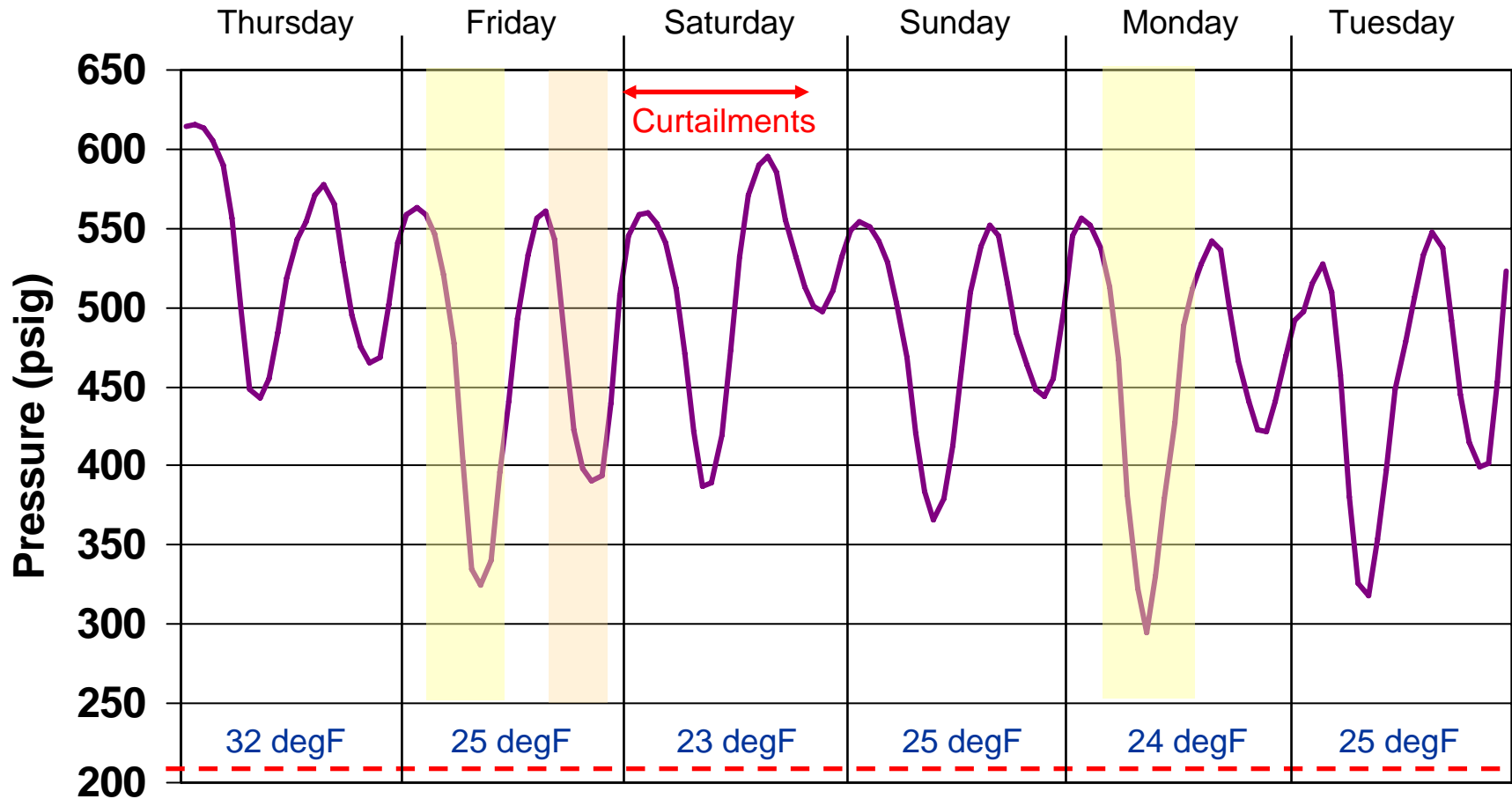




# Forecast Temperatures for Fresno for Saturday, January 13

	Min	Max	Avg	%APD
Forecast – Wednesday a.m.	26	45	34.8	80%
Forecast – Thursday a.m.	26	45	34.8	80%
Forecast – Friday a.m.	22	46	33.2	84%
Actuals – Sunday a.m.	23	45	33.2	84%

# Fresno - L138 Pressure



# Local Curtailment Communication Process

- Afternoon Prior (Friday PM):
  - Curtailment list compiled by 2:00 pm
  - Communicated to internal *Curtailment Stakeholders Email List*
  - Account Services contacts end use customers with curtailment orders
  - Wholesale Marketing contacts marketers
  
- Curtailment Begins (Midnight Saturday):
  - Midnight start time
  - Fresno/Yosemite Operations Energy Centers open
  - Curtailment verified via local monitoring plan and reported to Gas Control
  
- Next Morning (Saturday AM):
  - Local system performance assessed
  - Forecast temperature reviewed
  - Curtailment orders revised or cancelled by 2:00 pm (or earlier)

# Local Curtailment Impact

- No. of Customers: 86 noncore customers in San Joaquin Valley area
- Allowed Burns: 40% - 75% of planned usage
- Load Curtailed: 920 Mcf/hr (*operating*) - 3422 Mcf/hr (*design*)
- Compliance: Customer compliance was as good or better than expected